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DEC 21 2005

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<b>To:</b> USPTO Central	<b>Fax No.:</b> (571) 273-8300
<b>Date:</b> December 21, 2005	<b>Pages:</b> 10 (including this sheet)
<b>From:</b> Nicole Teitler Cave	<b>Sender's Phone No.:</b> (512) 338-6300 <b>Sender's Fax No.:</b> (512) 338-6301

**REGARDING:**

<b>Title:</b>	SHORT PATH SEARCH USING TILES AND PIECEWISE LINEAR COST PROPAGATION		
<b>Application No.:</b> 09/998,559	<b>Filed:</b>	November 30, 2001	
<b>Examiner:</b> Yelena Rossoshek	<b>Group Art Unit:</b>	2825	
<b>Atty. Docket No.:</b> 004-6815	<b>Confirmation No.:</b>	5904	

**ATTACHED HERETO:**

- (1) Transmittal Letter (2 pages)
- (2) Response to Non-Final Office Action (7 pages)

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*Nicole Teitler Cave* 12/21/05  
Nicole Teitler Cave Date

Respectfully submitted,

*Nicole Teitler Cave*

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**ZAGORIN O'BRIEN GRAHAM LLP**7600B N. CAPITAL OF TEXAS HWY, SUITE 350  
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December 21, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Applicant: Zhaoyun Xing et al.  
 Title: SHORT PATH SEARCH USING TILES AND PIECEWISE LINEAR COST  
 PROPAGATION  
 Application No.: 09/998,559 Filed: November 30, 2001  
 Examiner: Yelena Rossoshek Group Art Unit: 2825  
 Atty. Docket No.: 004-6815 Conf. No.: 5904

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- ☒ Response to Non-Final Office Action (7 page(s))  
☐ Petition for Extension of Time ( month) ( page(s))  
☐ Information Disclosure Statement ( page(s)), including PTO/SB0/8A and/or  
 PTO/SB/08B ( page(s)), and copies of reference(s)  
☐ Other: ( page(s))  
☐ Other: ( page(s))  
☐ Other: ( page(s))  
☒ Transmittal Letter (2 page(s));  
☐ Return postcard;

The Total Fee has been calculated as shown below:

	Pending Claims	Claims Previously Paid	Extra Claims	Fees
Total Claims	30	- 30 =	0 x \$50.00 =	0.00
Independent Claims	3	- 3 =	0 x \$200.00 =	0.00
Multiple Dependent Claims (if any) - \$360.00 fee				0.00
Additional Claims Fee				\$ .00
Fee For Extension Of Time				0.00
Other Fees: (n/a)				0.00
<b>TOTAL FEE DUE:</b>				<b>\$ .00</b>

- ☐ Small entity status is entitled to be asserted for the application.  
☐ A check is enclosed for the Total Fee shown above.  
☐ Please charge the Total Fee shown above to Deposit Account 50-0631.  
☒ The Commissioner is hereby authorized to charge any deficiency in fees and any additional fees under 37 C.F.R. § 1.16 or 1.17, that may be required during the pendency of this application, and to similarly credit any overpayment, to Deposit Account 50-0631.

Response to 10-06-05 OA Trans


Client Reference No.: P6815-US-NP-0

ZAGORIN O'BRIEN GRAHAM LLP

December 21, 2005

RE: 09/998,559

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Respectfully submitted,



Nicole Teitler Cave, Reg. No. 54,021

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Applicant(s): Zhaoyun Xing et al.

Title: SHORT PATH SEARCH USING TILES AND PIECEWISE LINEAR  
COST PROPAGATION

Application No.: 09/998,559

Filed: November 30, 2001

Examiner: Yelena Rossoshek

Group Art Unit: 2825

Atty. Docket No.: 004-6815

Confirmation No.: 5904

December 21, 2005

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**RESPONSE TO NON-FINAL OFFICE ACTION**

This paper is responsive to the Non-Final Office Action mailed on October 6, 2005, having a shortened statutory period for response set to expire January 6, 2006. In light of the Amendments and/or Remarks herein, further examination is requested.